

REMARKS

Favorable reconsideration of this application, in light of the preceding amendments and following remarks, is respectfully requested. Claims 1-6, 9-10, 12-16, 19-30 and 32-36 are pending in this application. By this Amendment, claims 1, 12-15 and 33-34 are amended, and claims 35-36 have been added. By this Amendment, no claims are cancelled. Claims 1 and 12-15 are the independent claims.

Examiner Interview

Applicants thank the Examiner for granting the telephone interview conducted on December 13, 2010. During the interview, Applicants explained the features of the claimed invention in view of the figures and the specification. Also, Applicants explained the difference between claim 1 of the present application, and claim 1 of Application No. 10/702,518 (Attorney Docket No. 46500-000553/US). For example, in the October 18, 2010 Office Action, it appears that the Examiner has relied upon the claim language of the '518 application (not the present application). For example, the Examiner states "Yamane further describes the multimedia stream enabling alternative reproduction of video data, wherein multimedia data is segmented into interleaved units of a particular size so that the seek distance of any seek operation can be suppressed to the size of the interleave unit, and reproduction can be sustained without causing a buffer overflow." See October 18, 2010 Office Action, page 3. However, in contrast to the '518 application, claim 1 of the present application does not involve buffer occupancy. In light of this discussion, the Examiner seems to have a better understanding of this application, and the '518 application.

Next, Applicants discussed the rejections to claims 1-6, 9-10, 12-16, 19-30 and 32-34 under 35 U.S.C. § 103(a) as being unpatentable over Kato et al. (PCT/JP01/03414) in view of Yamane et al. (US Patent No. 6,181,872).

First, Applicants explained that Yamane relates to DVD technology and Kato relates to BD technology, which have different data structures. As a result, one of ordinary skill in the art would not combine Yamane with Kato. In response, the Examiner stated that one of ordinary skill in the art could look at the *functions* of the DVD art (fast-forwarding, rewinding, multiple scene angles, ect.) and also provide them in the BD technology data structure of Kato. Applicants do not agree that such modifications is within the level of one of ordinary skill in the art, and most often requires an inventive step.

Second, Applicants argued that Yamane does not suggest "a path change among the multiple reproduction paths is performed at the entry point identified by the map", as recited in claim 1. For example, Yamane does not "perform" a path change using an entry point map. In response, the Examiner appeared persuaded by Applicants' arguments, but would not expressly agree that this argument overcomes the cited references. The Examiner indicated he would re-consider the Yamane reference after Applicants filed a formal response. A more detailed argument relating to the above-identified feature of claim 1 is provided below.

In addition, Applicants discussed amending claim 1 to further recite "each one of the stream files being associated with different one of the multiple reproduction paths when the stream files include the portion of video data associated with the multiple reproduction paths." Applicants explained to the Examiner that this limitation further clarifies how the "multiple reproduction paths" are implemented in the BD data structure, which is not taught in the Yamane reference. In response, the Examiner was not entirely persuaded that this limitation overcomes the cited

references because he asserts that this limitation does not add much definition to the claim. Applicants strongly disagree. Rather, the above-identified limitation further clarifies the relationship between the stream files and the multiple reproduction paths, which is not disclosed in Yamane. Because the above limitation further distinguishes the cited references, Applicants have amended each of the independent claims to include the above limitation.

As a result, Applicants submit that this application is now in a condition for allowance. The Examiner is requested to issue a Notice of Allowance in the next USPTO communication. If any should prevent this application from proceeding to allowance, the Examiner is invited to call Jared Scholz at 703-668-8006.

Rejections under 35 U.S.C. § 103

The Examiner has rejected claims 1-6, 9-10, 12-16, 19-30 and 32-34 under 35 U.S.C. § 103(a) as being unpatentable over Kato et al. (PCT/JP01/03414) in view of Yamane et al. (US Patent No. 6,181,872). Applicants respectfully traverse this rejection for the reasons detailed below.

In contrast to the Examiner's assertions, Yamane does not teach "a path change among the multiple reproduction paths is performed at the entry point identified by the map", as recited in claim 1. For example, although Yamane may suggest using multiple reproduction paths (e.g., see FIG. 46 of Yamane), the implementation of the reproduction paths is quite different in the claimed invention than in Yamane. The above-identified feature of claim 1 explains that a path change among multiple reproduction paths is carried out using entry points identified by an entry point map. The way of using the entry point map is further explained in claim 1 with reference to the following features "the map mapping a presentation time stamp to an address for at least one entry point in the associated stream file" and "wherein the video data

include data packets and each data packet has a packet number that differentiates one data packet from another and the map identifies the address for the at least one entry point by identifying the packet number of the data packets." Also, this entry point map is within a clip information file, which is separate from the data streams. This implementation of the multiple reproduction paths is different than Yamane, which uses "cell address" (see column 57 of Yamane). The cell addresses of Yamane are not implemented into an entry point map in the claimed manner of claim 1.

Furthermore, Kato and Yamane, alone or in combination do not suggest "each one of the stream files being associated with different one of the multiple reproduction paths when the stream files include the portion of video data associated with the multiple reproduction paths", as required by claim 1. Kato does not involve multiple reproduction paths. Therefore, each of the "stream files" of Kato cannot possibly be associated with a different one of the multiple reproduction paths. Furthermore, because Yamane relates to older DVD art, Yamane does not involve "stream files." As such, Yamane cannot possibly disclose the above-identified feature of claim 1. In addition, none of the cited references illustrate a "condition" *when* each of the stream files are associated with a different one of the multiple reproduction paths. For example, claim 1 requires that each stream file is associated with a different reproduction path when the stream files include the portion of video data associated with the multiple reproduction paths. These limitations are concrete features, and are simply missing in the cited references.

Therefore, Yamane and Kato, alone or in combination, cannot render independent claim 1 obvious to one of ordinary skill in the art. Independent claims 12-15 have been amended to include features similar to the above-identified features of claim 1, and therefore are patentable for at least the same reasons stated above. The pending dependent claims, dependent on claims 1 and 12-15, are patentable for

at least the same reasons stated above. As such, Applicants respectfully request that this rejection be withdrawn.

New Claims

New claims 35-36, dependent on independent claim 15, are patentable for at least the same reasons stated above. As such, Applicants respectfully request that these claims be allowed.

CONCLUSION

In view of the above remarks and amendments, the Applicants respectfully submit that each of the pending objections and rejections has been addressed and overcome, placing the present application in condition for allowance. A notice to that effect is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to contact the undersigned.

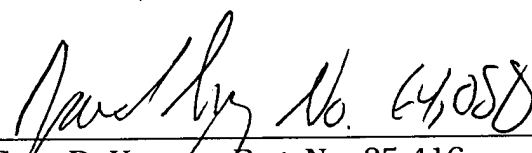
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned, at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By



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